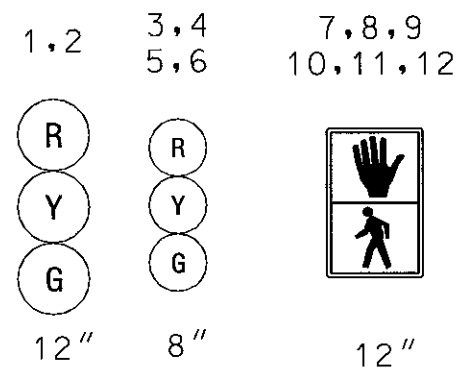


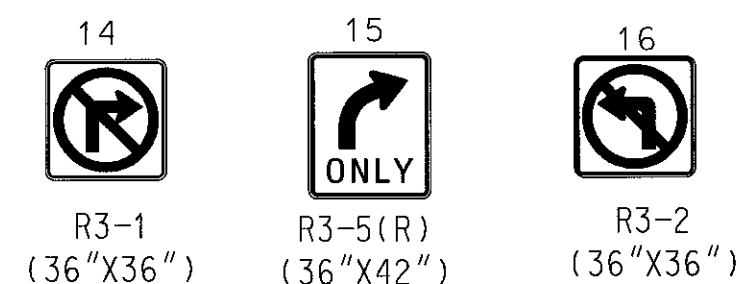
US 1 IS ASSUMED TO RUN IN
A NORTH/SOUTH DIRECTION

PROPOSED SIGNALS

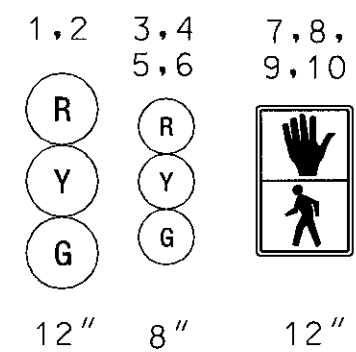


PROPOSED VIDEO
DETECTION CAMERA
A,B,C

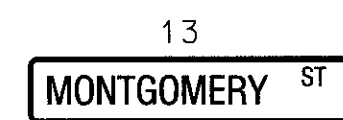
PROPOSED SIGNS



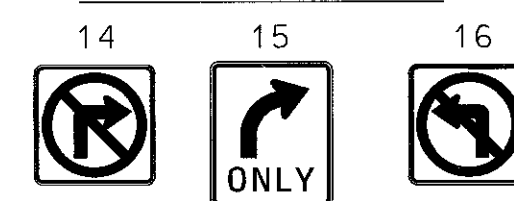
EXISTING SIGNALS
TO BE REMOVED



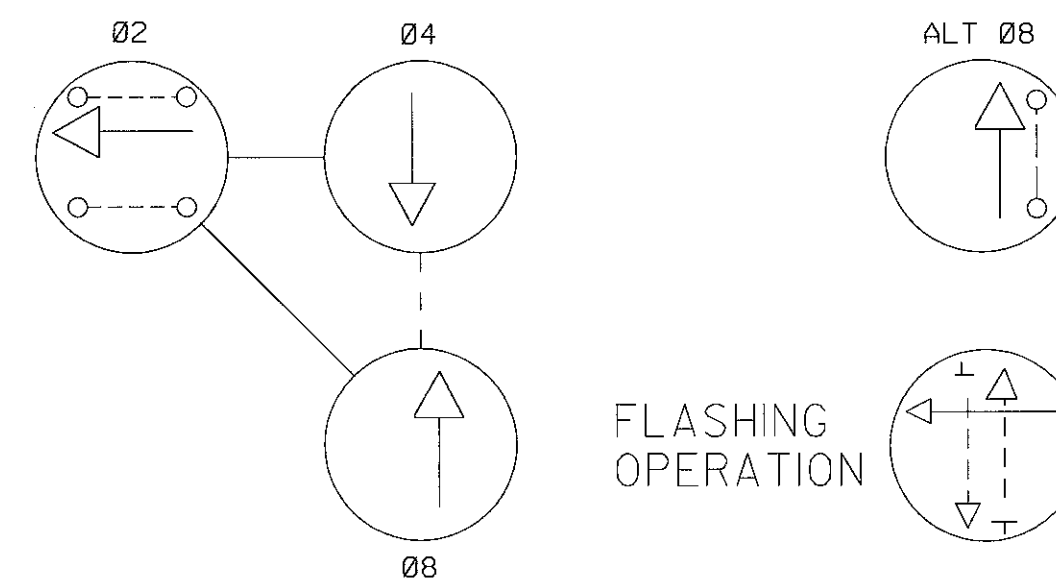
EXISTING SIGNS
TO REMAIN



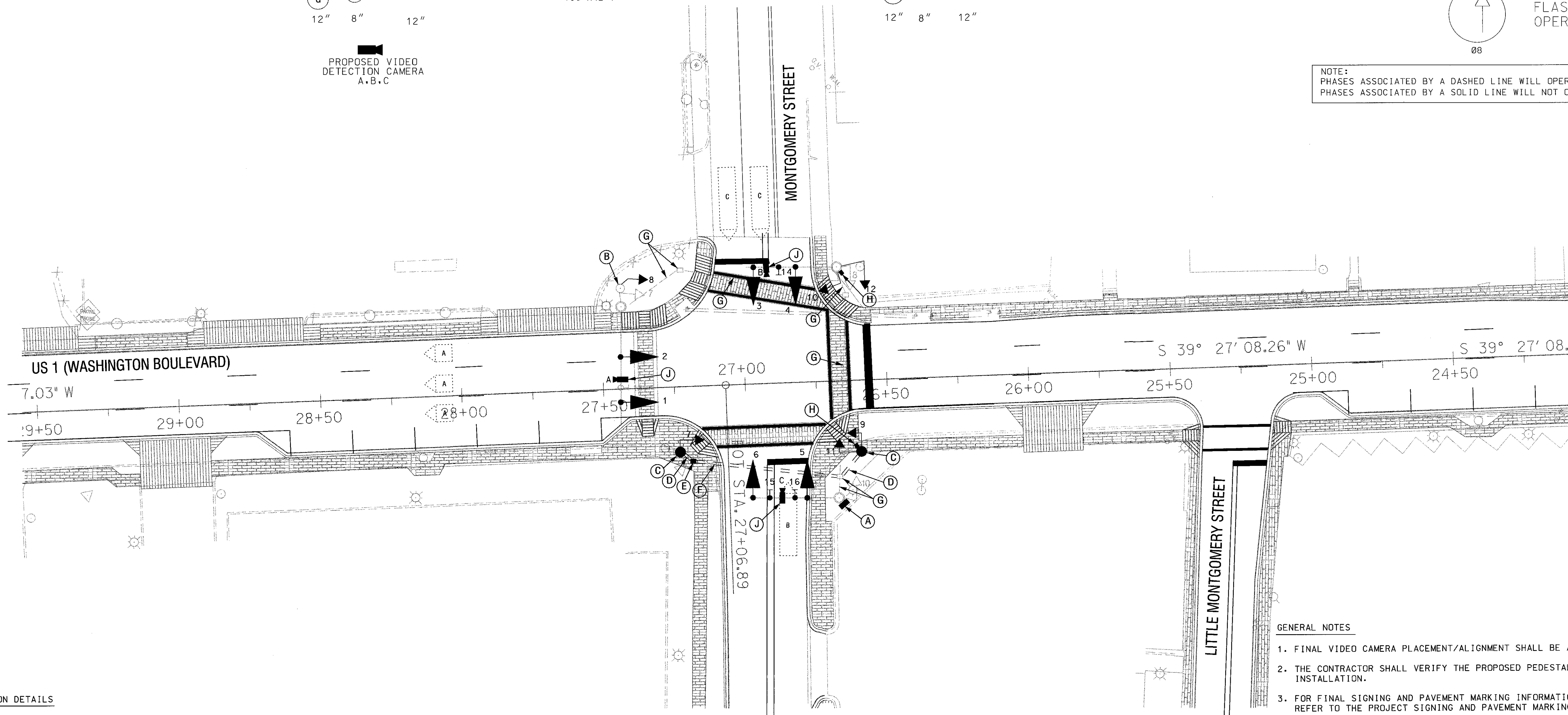
EXISTING SIGNS
TO BE REMOVED



NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

- REMOVE AND INSTALL EIGHT-PHASE FULLY ACTUATED CONTROLLER AND POLE MOUNTED CABINET ON EXISTING POLE (REMOVE EXISTING TELEMETRY FROM EXISTING CABINET AND INSTALL INTO NEW CABINET).
- INSTALL PEDESTRIAN SIGNAL HEAD ON EXISTING POLE.
- INSTALL CONCRETE FOUNDATION WITH 10' STEEL PEDESTAL POLE, BREAKAWAY BASE, SIGNAL HEADS, AND 1-2" PVC CONDUIT BEND.
- INSTALL 3" SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED.
- INSTALL ELECTRICAL HANDHOLE.
- INSTALL 4" SCHEDULE 80, PVC ELECTRICAL CONDUIT - SLOTTED
- USE EXISTING HANDHOLES AND CONDUIT TO ROUTE CABLE BACK TO THE CABINET.
- INSTALL PEDESTRIAN PUSH BUTTONS AND SIGNS TO READ "PUSH BUTTON TO CROSS WASHINGTON BLVD".
- INSTALL PROPOSED VIDEO DETECTION CAMERA ON EXISTING MAST ARM.

GENERAL NOTES

- FINAL VIDEO CAMERA PLACEMENT/ALIGNMENT SHALL BE APPROVED BY THE SHA ENGINEER.
- THE CONTRACTOR SHALL VERIFY THE PROPOSED PEDESTAL POLE LOCATION PRIOR TO INSTALLATION.
- FOR FINAL SIGNING AND PAVEMENT MARKING INFORMATION, THE CONTRACTOR SHALL REFER TO THE PROJECT SIGNING AND PAVEMENT MARKING PLAN SHEETS.
- THE CONTRACTOR SHALL REPLACE THE EXISTING TRAFFIC VEHICLE AND PEDESTRIAN SIGNAL HEADS WITH APPROVED BLACK-FACED TYPE HEADS AND BE INSTALLED IN THE SAME LOCATION AS EXISTING.
- CROSSWALKS ARE TO BE STAMPED ASPHALT.

GEOMETRIC LEGEND

--- EXISTING
= PROPOSED

UTILITY LEGEND

SD SD STORM DRAIN
G G GAS MAIN
W W WATER MAIN
S S SEWER MAIN
E E ELECTRIC CABLES
A A AERIAL CABLES
T T TELEPHONE CABLES
C-T C-T CABLE TV



SABRA, WANG & ASSOCIATES, INC.
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BALTIMORE, MD 21227
WWW.SABRA-WANG.COM

REVISIONS

C DATE 2/14/02
SHA NO. PGH15283
SWA CTS

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN

S8 US 1 (WASHINGTON BOULEVARD)
AT MONTGOMERY STREET

DRAWN BY: TW
CHECKED BY: SR
SCALE: 1" = 20'
DATE: SEPTEMBER, 2002

F.A.P. NO. SEE TITLE SHEET
S.H.A. NO. PGH15284
COUNTY: PRINCE GEORGE'S
LOG MILE: 14.000 113.81

TS NO. 2228-C
T.J.M.S. NO. E 957

SHEET NO. 58 OF 78